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(54) METHOD FOR MEASURING AMOUNT OF REGISTER ERROR IN PRINTED MATTER

(57) Abstract:

PURPOSE: To display a register of each color capable of clearly recognizing the registered condition visually to enable an amount of register error to be measured, by using the registers spaced at a regular interval.

CONSTITUTION: The predetermined portion of a printed matter to be measured X on a table 1 is enlarged by a lens 2 and photoelectrically converted by a camera 3, and then enlargedly displayed on a black-and-white display 4 through a superimposer 5. A cursor is moved to the picture position on the display 4 by operating a joy stick 8, and the coordinate inputted from a operation panel 9 is calculated by a personal computer 6 and the result is outputted from a printer 10. An amount of misregistration between respective colors and an optimum amount of

correction of a plate cylinder position are calculated based on the enlargement ratio of the picture, the position information of the pictures of respective colors on the display, the lengthwise (crosswise) information on the display. Registration is conducted by operating a plate cylinder position adjuster in a printer according to the printed out numeric value.

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